

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: BERTCH Examiner #: 59193 Date: 2/3/03
Art Unit: 1624 Phone Number 308 4718 Serial Number: 091879218
Mail Box and Bldg/Room Location: 4D:5 Results Format Preferred (circle): PAPER DISK E-MAIL
4E12

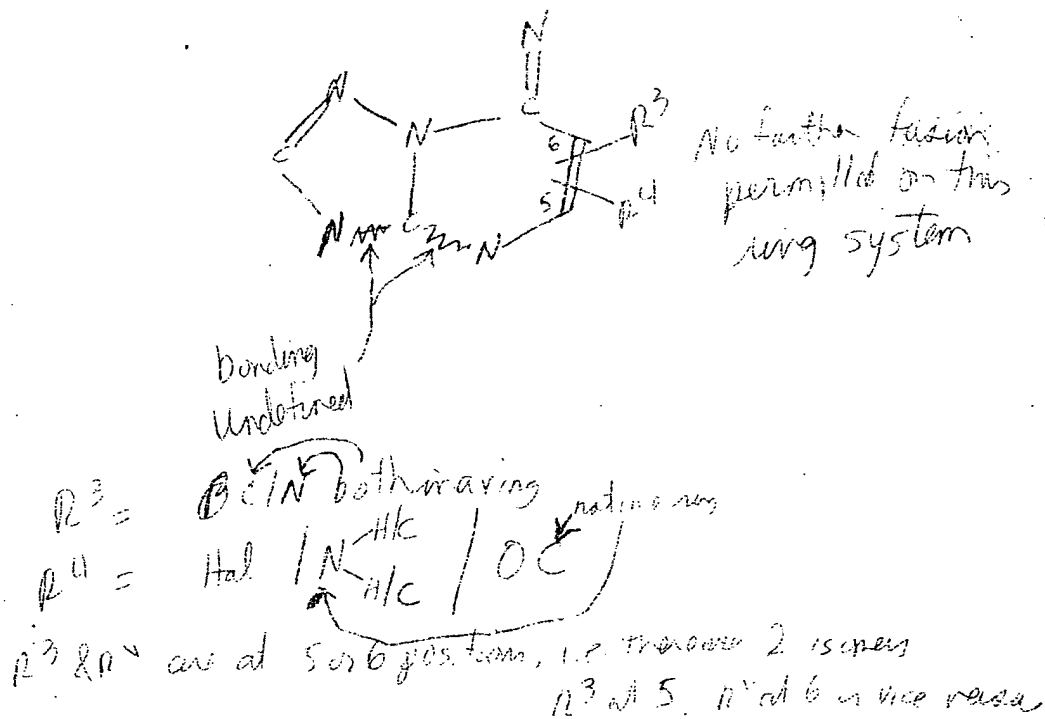
If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____
Inventors (please provide full names): _____
Point of Contact: _____
Mona Smith
Technical Information Specialist
CM1 6A01
Tel: 308 3278

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.



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| STAFF USE ONLY | | Type of Search | Vendors and cost where applicable |
|----------------------------------------|------------------------|------------------------|-----------------------------------|
| Searcher: <u>M. Smith</u> | NA Sequence (#) _____ | STN _____ | |
| Searcher Phone #: _____ | AA Sequence (#) _____ | Dialog _____ | |
| Searcher Location: _____ | Structure (#) <u>7</u> | Questel/Orbit _____ | |
| Date Searcher Picked Up: <u>2/3/03</u> | Bibliographic _____ | Dr.Link _____ | |
| Date Completed: <u>2/13/03</u> | Litigation _____ | Lexis/Nexis _____ | |
| Searcher Prep & Review Time: <u>50</u> | Fulltext _____ | Sequence Systems _____ | |
| Clerical Prep Time: _____ | Patent Family _____ | WWW/Internet _____ | |
| Online Time: <u>45</u> | Other _____ | Other (specify) _____ | |

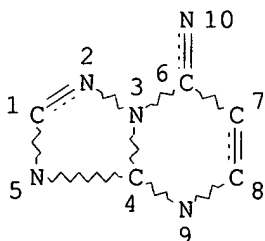
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FILE 'HCAPLUS' ENTERED AT 16:06:41 ON 13 FEB 2003
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FILE COVERS 1907 - 13 Feb 2003 VOL 138 ISS 7
FILE LAST UPDATED: 12 Feb 2003 (20030212/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

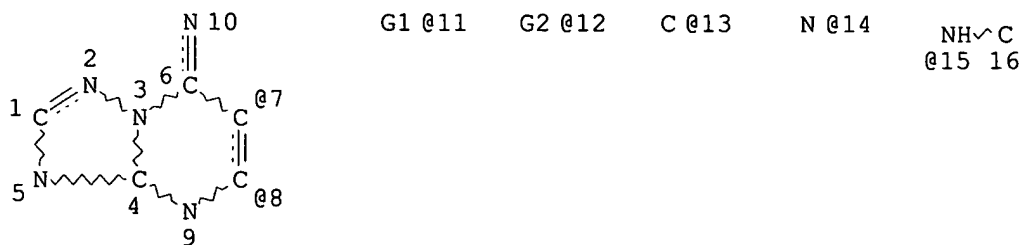
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L3 STR



NODE ATTRIBUTES:
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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
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NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE
L5 78 SEA FILE=REGISTRY SSS FUL L3
L6 STR



C~N~C O~C
17 @18 19 @20 @21

VAR G1=13/14
VAR G2=X/NH2/15/18/20/21
VPA 11-7/8 U
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STEREO ATTRIBUTES: NONE
L7 17 SEA FILE=REGISTRY SUB=L5 SSS FUL L6
L8 1 SEA FILE=HCAPLUS L7

=> d ibib abs hitrn

L8 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:923802 HCAPLUS
DOCUMENT NUMBER: 136:37624
TITLE: Preparation of fungicidal triazolopyrimidin-7-ylideneamines
INVENTOR(S): Pfrengle, Waldemar
PATENT ASSIGNEE(S): Basf Aktiengesellschaft, Germany
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2001096341 | A2 | 20011220 | WO 2001-EP6564 | 20010611 |
| WO 2001096341 | A3 | 20020321 | | |

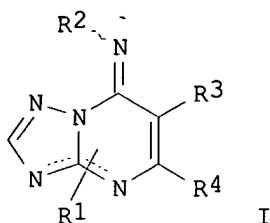
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RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
 VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-211168P P 20000613

OTHER SOURCE(S): MARPAT 136:37624

GI



AB The title compds. [I; R1 = alkyl, alkoxyalkyl, cycloalkylalkyl, etc. (group being attached either to the N in the 3- or 4-position); R2 = H, alkyl, alkenyl, etc.; R3 = Ph, cycloalkyl, 5-6 membered heteroaryl contg. besides carbon atoms 1-4 N atoms or one to three N atoms and one S or O atom as ring members; R4 = halo, NH2, alkoxy, etc.], useful for controlling harmful fungi, were prepd. Thus, methylation of 5-chloro-6-(2,4,6-trifluorophenyl)-7-(1,1,1-trifluoroprop-2-ylamino)-triazolo[1,5- α]pyrimidine with MeI in the presence of KHCO₃ in DMF afforded a mixt. of 3-methyl- and 4-methyl-I [R1 = Me; R2 = 1,1,1-trifluoroprop-2-yl; R3 = 2,4,6-F₃C₆H₂; R4 = Cl]. Biol. data for exemplified compds. I were given.

IT 380614-52-8P 380614-53-9P 380614-54-0P
 380614-55-1P 380614-56-2P 380614-57-3P
 380614-58-4P 380614-59-5P 380614-60-8P
 380614-61-9P 380614-62-0P 380614-63-1P
 380614-64-2P 380614-65-3P 380614-66-4P
 380614-67-5P 380614-68-6P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of fungicidal triazolopyrimidin-7-ylideneamines)

=> fil caold

FILE 'CAOLD' ENTERED AT 16:08:28 ON 13 FEB 2003

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

Searched by M. Smith

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s 17

L9 0 L7

=> fil reg

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 FEB 2003 HIGHEST RN 489395-53-1

DICTIONARY FILE UPDATES: 12 FEB 2003 HIGHEST RN 489395-53-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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L7 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2003 ACS

RN 380614-68-6 REGISTRY

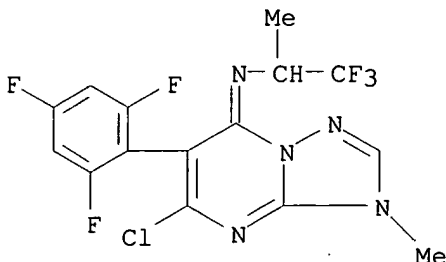
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FS 3D CONCORD

MF C15 H10 Cl F6 N5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER



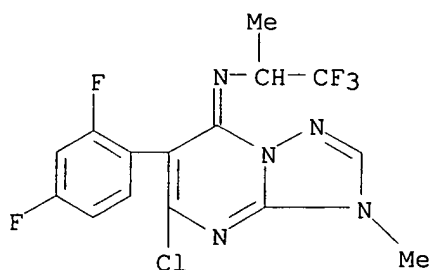
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Searched by M. Smith

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

REFERENCE 1: 136:37624

L7 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2003 ACS
RN 380614-67-5 REGISTRY
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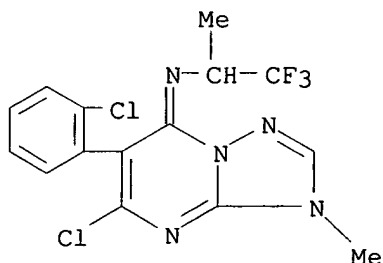


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REFERENCE 1: 136:37624

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RN 380614-66-4 REGISTRY
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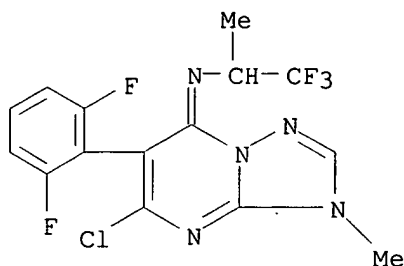


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REFERENCE 1: 136:37624

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RN 380614-65-3 REGISTRY
CN 2-Propanamine, N-[5-chloro-6-(2,6-difluorophenyl)-3-methyl[1,2,4]triazolo[1,5-a]pyrimidin-7(3H)-ylidene]-1,1,1-trifluoro-
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SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

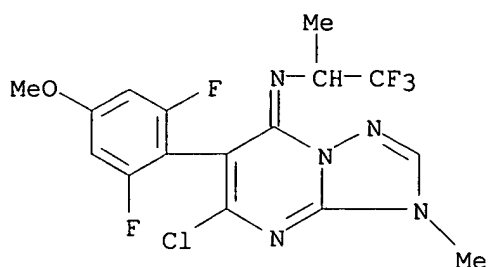


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RN 380614-64-2 REGISTRY
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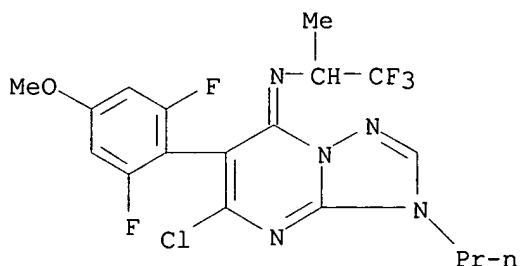


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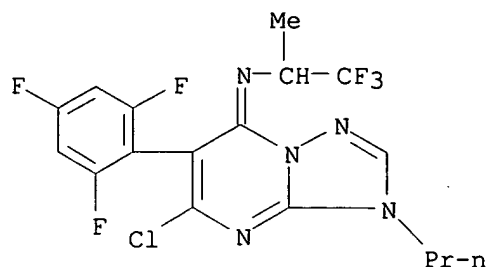
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SR CA

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LC STN Files: CA, CAPLUS, TOXCENTER

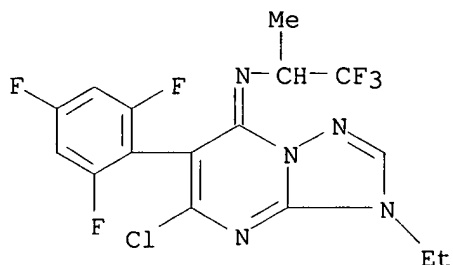


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REFERENCE 1: 136:37624

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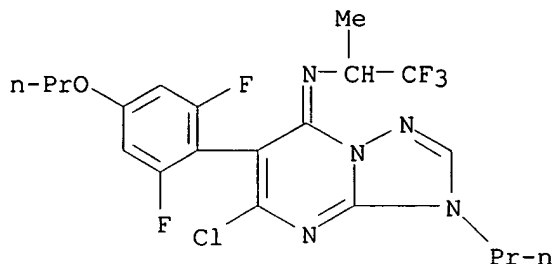
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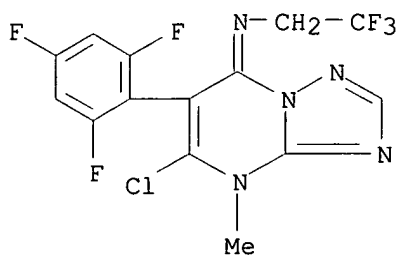


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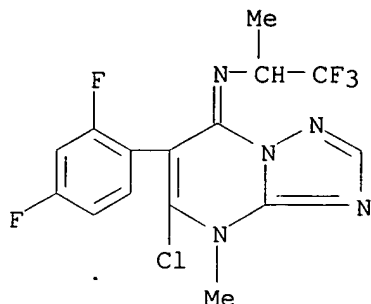
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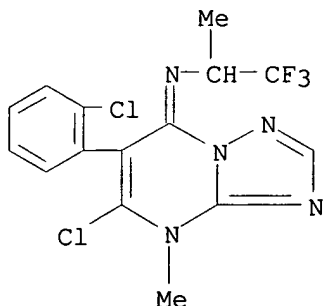


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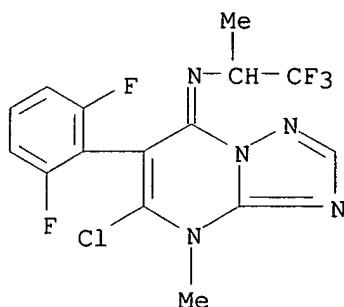
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L7 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2003 ACS

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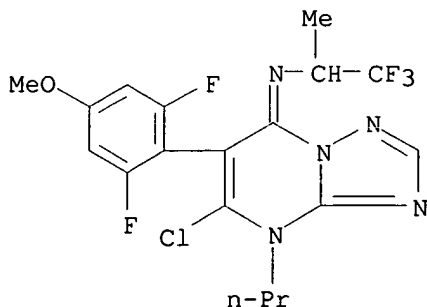


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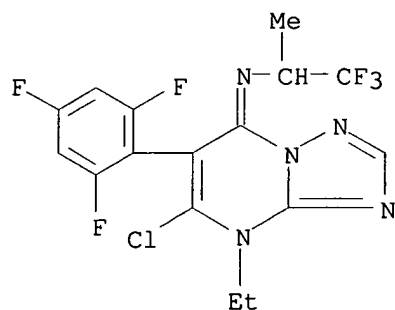
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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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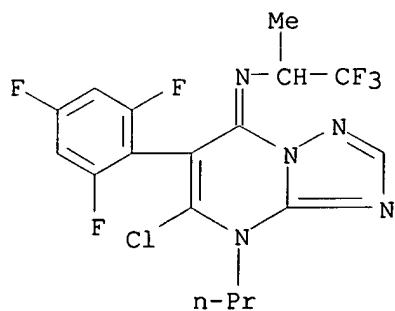


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REFERENCE 1: 136:37624

L7 ANSWER 16 OF 17 REGISTRY COPYRIGHT 2003 ACS
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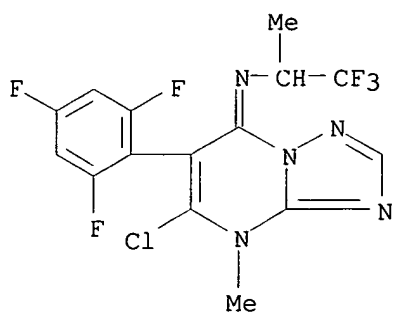


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FS 3D CONCORD
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LC STN Files: CA, CAPLUS, TOXCENTER



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
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